

Tao Wu

☎(86) 15528222485 ✉ wutaocu@126.com 🏢 University of Electronic Science and Technology of China

EDUCATION

University of Electronic Science and Technology of China (UESTC)

BEng, Electronics and Electrical Engineering with Information Engineering, Glasgow College

Double degree offered respectively by UESTC and University of Glasgow, expected to graduate in 06 2022

Overall GPA: 3.4/4.0 (80.5/100)

Nanyang Technological University

Summer School, Managing Complex Systems Project and Cyber Security courses. 06-07, 2019

SELECTED PROJECT EXPERIENCE

MCM/ICM

02. 2021

- Presided the a 3-member team, responsible for programming, and won the Finalist Award (3% worldwide);
- Applied AlexNet convolutional neural network to realize better image classification in image classification;
- Implemented Monte Carlo simulation, analytic hierarchy process, hypothesis test and naive Bayes to optimize the modeling process.

MCM/ICM

02. 2020

- Took the key role as the programmer;
- Deployed the multiple linear regression based on neural network to realize the better prediction of fish movement.

RESEARCH EXPERIENCE

Prof. Maharachchikumbura Sajeewa Sandeshya Nilukana, Highly Cited Researchers by Clarivate Analytics

Research Assistant

12.2019-05. 2021

- Assisted professor Sajeewa's day-to-day work, including funding application, recruitment, translation and interpretation in seminars, processing of academic and daily documents, etc., and contributed to the grant of the funding from 2020 Sichuan Thousand Talents Program;
- Published my first **SCI** paper as the 1st author on mitochondrial assembly about using FastQC for QC, GetOrganelle for assembly, tRNAscan-SE and MFannot webserver for gene labeling;
- Contributed in the gene analysis to the paper published by the top journal Fungal Diversity; learned the operation of mycological sampling and acquired samples from southern Sichuan for the laboratory.

Prof. Guo Linxuan, Kinesiology Center of UESTC

Research Assistant

08.-12. 2019

- Studied the psychology, questionnaire, and literature review as well as involved the study of students' physical health study on wearable devices;
- Entrusted with the responsibility of in charge of guest team, and received the president of Asian Society of Kinesiology (ASK) and his delegates;
- Drafted manuscripts and manuals of the conference and participated in editing conference proceedings.

PUBLICATIONS

- **Tao Wu**, Yanpeng Chen and Sajeewa S. N., "The complete Mitochondrial Genome of *Gymnobilidae* Leadbeateri (Mammalia: Petauridae)", Mitochondrial DNA Part B (included in NCBI), Feb. 2021.
- Zhangzhi Zhao, Huan Zhang and **Tao Wu**, "A Dynamic Health Management System of Students' Physical Health Based on Wearable Devices", the 4th Annual Meeting of the ASK and the 10th Asia Conference on Kinesiology, ACK, Aug. 2019. (Poster)

INTERNSHIP

Huawei Technologies Co., Ltd.

Business Development intern of Cloud Business, Guangdong Division

07-8. 2021

- Cooperated with Cloud Gaming team of Innovative Business Unit to detect and locate the flaws in Cloud games;
- Assisted Cloud Gaming solution architect in finding the solution by unbinding the Operating System and Apps so as to enable the Operating System of Virtual Machine to meet the needs of frequent updates of mobile games.

HONORS/AWARDS

- **Finalist in 2021 MCM/ICM and Honorable Mention in 2020 MCM/ICM**
- **2021 Scholarship for Academic Excellence, Glasgow College**

SKILLS

Programing: proficient in Python, C, and MATLAB; familiar with OpenMV and STM32;

Language: IELTS 7(R8, W6, L7, S6)